ALTAIR V4 IS

Rotary Piston Meter

DIEHL
Metering

APPLICATION

ALTAIR V4 IS represents the new generation of volumetric water meters developed within the framework of the MID (Measuring Instruments Directive) and compliant with the different regulations (food certificates) . ALTAIR V4 IS is a very compact and robust meter, with outstanding metrological performances and compatible with different qualities of water.
This IS version has the advantage of integrating Diehl Metering radio system, enabling remote reading in mobile mode or fixed network.

FEATURES

High dynamic range (up to 1,000)Start flowrate at 0.5 l/hInstallation in any positionDN 15 mm, MID approved with R up to 160Composite and brass version availableIntegrated 868 MHz radio, PRIOS protocolBattery lifetime up to 11 years

smart in solutions

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APPROVAL

	ALTAIR V4 IS
MID approval	LNE - 6250
Alimentarity	ACS - WRAS

TEMPERATURES AND PRESSURE

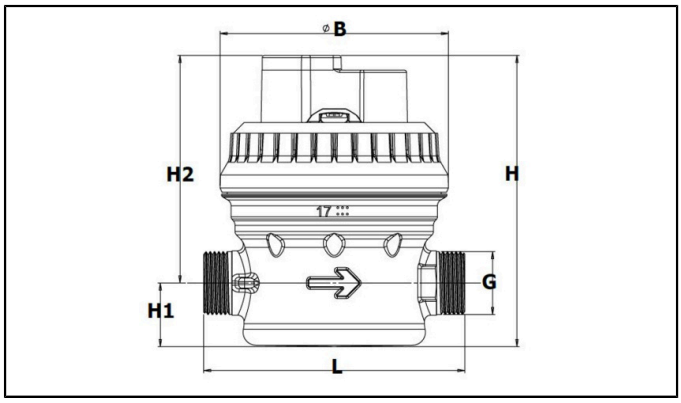
		ALTAIR V4 IS
Water temperature range	°C	0 ... +30
Operating temperature range	°C	+5 ... +50
Storage temperature range	°C	-20 ... +50
Nominal pressure	bar	16
Degree of protection		IP 54

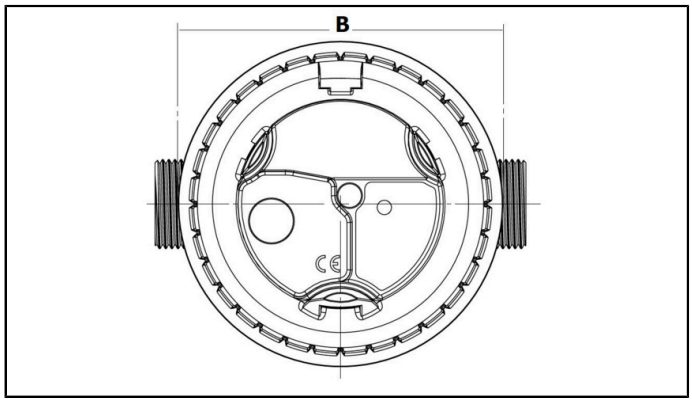
TECHNICAL DATA

		ALTAIR V4 IS
Communication protocol		PRIOS
Frequency	MHz	868,95
Modulation		FSK
Transmission power	mW	16
Transmission mode		Unidirectional
Radio range		Up to 500 m depending on environment
Power supply		3 V lithium battery
Typical battery lifetime		up to 11 years*
Integrated functions		Leak detection, Meter stopped, Overflow, Underflow, Backflow

* under standard conditions of use and temperature. Theoretical lifetime, not guaranteed.

DIMENSIONS





Nominal diameter	DN	mm	15 (Brass)	15 (Composite)
Length	L	mm	110	110
Height		mm	123	128
Thread connections		inch	3/4"	3/4"
Weight		kg	0.962	0.479

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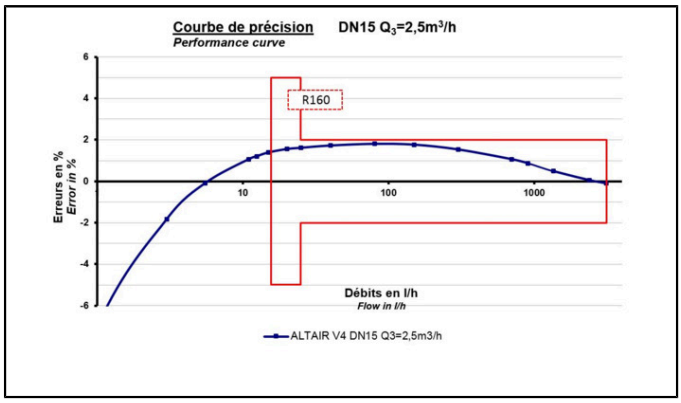
PRECISION CURVE



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